

Family Housing Clears Pentagon; 33,676 Units Set For US, O'Seas

Moving to clear up the backlog of Congressionally authorized family housing construction, the Defense Department has given the Services a go-ahead to construct 33,676 family housing units in the U.S. and overseas.

The move, which exhausts all family housing quotas for Fiscal Year 1959, will allow the construction of 29,768 Capehart family units in the United States, and 3,908 surplus commodity housing units overseas.

Of the total Capehart units, 21,489 were authorized in the 1959 Military Construction Authorization Act. The remaining 8,279 are carry-overs from previous legislation.

Largest percentage of the 21,489 new Capehart units from the fiscal '59 program will go to the Air Force, which will receive 10,853. The Army will construct 5,882 and the Navy will build 4,744 units.

The Air Force also gets the bulk of the 8,279 carry-over units, with a total authorization of 7,655. Army families will

receive the remaining 624 of the previously-authorized units.

Surplus commodity housing, Defense Department officials told THE JOURNAL, will be confined mainly to Europe.

The 3,908 surplus commodity units will be divided by Service as follows: 389 for Army housing, primarily in France; 57 for the Navy, mainly in Spain; and 3,462 units for Air Force construction, mainly in Great Britain and Spain.

The following are the military installations where new Capehart family housing is authorized and the number of family units allotted to each:

ARMY

FY '59 Authority

Seneca Ordnance Depot, N. Y., 120
White Sands Missile Range, N. M., 200
Fort Monmouth, N. J., 130
Fort Lee, Va., 285
Natick R & E, Mass., 35
Two Rock Ranch, Calif., 1

—Continued on page 11

AF Accents Youth In Selecting Officers For Courses At Senior Service Schools

The Air Force has instituted a new policy which, for the first time sends lieutenant colonels to Senior Service Schools.

Headquarters selection boards have named 76 colonels and 151 lieutenant colonels for the 1959-1960 classes.

Colonels picked to attend the National War College, the Industrial College of the Armed Forces, the Imperial Defense College, and the Canadian National Defense College, are younger than those named in the past. The selectees average 40 years of age and have approximately 18 years of promotion list service. Previous groups averaged 42 or more years.

Of the total number of colonels chosen for Service Schools, 34 will attend the NWC, 40 the ICAF, one the IDC and one the CNDC.

The first group of lieutenant colonels to attend the Air War College, Army War College and Naval War College will have an average age of 40 and about 17 years of promotion list service.

The 1959-1960 classes get underway next August.

Included in the total of 151 lieutenant colonels are 131, plus 25 alternates, to attend the Air War College. In addition, 10 were selected to attend the Army War College and 10 to study at the Naval War College.

Objective of the new selection criteria. Headquarters said, "was to provide outstanding officers with the benefits of this training early in their careers."

"The training," the Air Force continued, "is especially important and significant in view of the anticipated expansion of JCS operations and the increasing requirement for the services to develop officers possessing broad inter-service experience."

The preliminary selections were made by boards on a "best qualified" basis. A

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NAVAL AND AIR FORCE ACADEMY officials got together recently when two top men from Annapolis visited the U. S. Air Force Academy at Colorado Springs. Left to right: Dr. William Shields, Advisor to the Superintendent of the Naval Academy; Maj. Gen. James E. Briggs, Superintendent of the Air Force Academy; Capt. J. V. Smith, Academic Aide at Annapolis; and Col. Robert F. McDermott, Air Force Academy Dean of Faculty. The visit was at the invitation of Col. McDermott who recently visited the Naval Academy.

ARMY
NAVY
AIR FORCE



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NAVY SELECTION Boards will pick staff officers for lieutenant commander and commander. **PAGE 20**

SENIOR USAF enlisted personnel face forced retirement. **PAGE 27**

Gen. Weyland Heads Geneva Delegates

General O. P. Weyland, Commander, Tactical Air Command, will be the senior U. S. Military Representative at the East-West Conference On The Technical Aspects Of The Prevention Of Surprise Attack. The conferences begin 10 November in Geneva, Switzerland.

General Weyland left Washington, where he was preparing for his Summit assignment, on 5 November.

Lt. Gen. William D. Eckert, USAF, TAC Vice Commander, will take charge of the Tactical Air Command until General Weyland returns from Switzerland to his headquarters at Langley AFB, Va.



Gen. Weyland

duty time because of auto accidents may be recommended for psychiatric help or discharge from the Service.

Whether such individuals are hospitalized or not, they will be checked and investigated by their commanding officer, the local provost marshal, the base surgeon, the base ground safety officer and their job supervisor.

Last year (fiscal '58), 13,750 members of the Armed Forces were involved in accidents in privately-owned automobiles. Another 21,150 were involved in accidents in military vehicles.

The new procedures are based on recommendations made by a team of traffic consultants—Dunlap Associates, Inc.—employed by the Pentagon to study the accident problem.

Findings of the firm, as reported to the Armed Forces Epidemiological Board, tend to bear out the theory that car accidents often are caused by deep-seated emotional disturbances.

Such drivers, the findings claim, are apt to be repeaters unless the emotional imbalance is restored.

Lackland was selected as the test-base because the large number of drivers in the area is expected to yield an accurate sampling of procedures involved.

The AFB information office said, "Instances of non-conformity, previous accidents, and job effectiveness will be among factors leading to a final recommendation by the base commander that the person either be discharged or given special psychiatric treatment."

Accident-Prone Face Discharge Threat; Others To Receive Psychiatric Treatment

The threat of discharge or psychiatric treatment faces thousands of officers and enlisted members of the Armed Forces involved in future automobile accidents.

In a growing Pentagon war on highway accidents which are causing serious man-hour losses at military and naval installations throughout the United States, the Defense Department has ordered field tests of a new plan employing psychiatric countermeasures.

"Guinea pigs" for the test will be 10,000 registered automobile drivers at Lackland AFB, Tex. The Air Force Base launched a one-year test of the new program on 1 November.

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WRITE TODAY FOR
ILLUSTRATED DETAILS

Elections Bring Little Change In House And Senate Armed Services Committees

The membership of the House and Senate Armed Services Committees will be little changed in the new Congress which meets in January.

Georgia's two senior statesmen, Sen. Richard B. Russell and Representative Carl Vinson, will continue as chairmen. Senator Leverett Saltonstall (Mass.) and Representative Leslie C. Arends (Ill.) remain the ranking Republicans on the two committees.

Despite large Democratic gains in both houses of Congress, only two Republican members of the House Armed Services committee were unseated—Representatives James T. Patterson (Conn.) and Paul Cunningham (Iowa). Among members of the Senate committee, only Senator Frank A. Barrett (R-Wyo.) suffered defeat.

All 20 Democratic members of the House committee, and all four Democratic members of the Senate committee who were up for reelection were retained in office.

Two additional Republican losses occurred however. Senator Ralph E. Flanders (Vt.) retired at the end of the 85th Congress, and Representative James P. S. Devereaux (Md.), stepped down from his House post and was defeated in his bid for election as Governor of Maryland.

At the close of the 85th Congress, the Senate committee was composed of eight Democrats and seven Republicans. With the large gains which the Democrats chalked up in the Senate, there is a good chance that the committees' Democratic ratio will be increased in the next Congress—perhaps ten to five—which would mean the addition of two new Democratic members.

The House committee membership in the 85th Congress included 20 Democrats and 17 Republicans. If the size of the committee remains the same, the ratio probably will be reduced to 24-13, which would mean that Republican representative Frank Becker (N. Y.), would lose his seat on the committee, and four, possibly five, Democrats would be added.

The defeat of Representatives Cunningham, with 18 years' in the House, and Patterson, ten years in the House, will mean a jump in seniority for Representatives William H. Bates (R-Mass.) and William E. Hess (R-Ohio), who take fifth and sixth-ranking posts on the Committee. Other junior committee members also will move up.

Although the Democratic membership

RETIRED PAY HOPES

Reelection of Senator Barry Goldwater (R-Ariz.) will give added hope to chances for pending legislation that would rectify the pay injustice to retired military personnel.

A colonel in the Air Force Reserve, the Arizona legislator is supporting a measure that would equalize retired pay benefits between those who completed active duty prior to enactment of the military pay act of 1958 and those who retired subsequently.

Senator Goldwater has stated that the present situation is a gross inequity to thousands of men who spent the large part of their lives in the service of their country.

of the House committee is unchanged, there is growing speculation that Representative Overton Brooks (La.), Vice-Chairman, will leave that post to accept the chairmanship of the new House Space Committee.

Here is how the membership of each committee stands following the election:

SENATE

Democrats	Republicans
Russell, Ga.	Saltonstall, Mass.
Byrd, Va.	Bridges, N. H.
Johnston, Tex.	Smith, Maine
Kefauver, Tenn.	Case, S. D.
Stennis, Miss.	Bush, Conn.
Symington, Mo.	
Jackson, Wash.	
Ervin, Jr., N. C.	

HOUSE

Democrats	Republicans
Vinson, Ga.	Arends, Ill.
Brooks, La.	Gavin, Pa.
Kilday, Tex.	Norblad, Ore.
Durham, N. C.	VanZandt, Pa.
Rivers, S. C.	Bates, Mass.
Philbin, Mass.	Hess, Ohio
Hebert, La.	O'Konski, Wis.
Winstead, Miss.	Bray, Ind.
Price, Ill.	Wilson, Calif.
Fisher, Tex.	Osmers, Jr., N. J.
Hardy, Jr., Va.	George, N. Y.
Green, Jr., Pa.	Reece, Tenn.
Doyle, Calif.	Gubser, Calif.
Miller, Calif.	Becker, N. Y.
Bennett, Fla.	
Lankford, Md.	
Huddleston, Jr., Ala.	
Byrne, Pa.	
Morris, Okla.	
Kitchin, N. C.	

CONAC's Tenth Birthday Stresses Reserve Role

Stressing the theme of "The Ready Reserves," the Continental Air Command will observe its tenth birthday 7 December.

As part of the celebrations, all units and installations of the command will hold open house. Special aerial and ground demonstrations will be planned for the public.

"Goliath" Amphibian Aids Landing Forces

A 100-ton amphibious tank-cargo vehicle, nicknamed "Goliath," has been developed for the Navy by the Pacific Car & Foundry Co., Renton, Wash.

The four-track cargo carrier is slated to be put through its paces next month at the Marine Corps base, Camp Pendleton, Calif.

Officially designated LVTUX-2, "Goliath" is able to carry any tank or other heavy equipment currently in use from the surf directly inland to protected supply areas. In current amphibious landings a problem arises when heavy equipment must be off-loaded on to beaches, creating congestion in the assault area.

"Goliath" is powered by two 500-hp engines and can carry 60 tons of cargo through water at 7 mph and 13 mph on land. The vehicle is 46 feet long and is 14½ feet high. It is equipped with two retractable propellers.

New Look In Army's Aviation Inventory



STRAIGHT-UP FOR ARMY. Artist's conception of new vertical-rising test bed airplane proposed to the U. S. Army by Lockheed shows the aircraft in normal flight configuration in foreground. A second model in clearing at upper right, with wing tilted upward and flaps extended to deflect slipstream in making vertical takeoff. Lycoming T-53 prop-jet engines rated at 960 h.p. each are mounted low in relation to wing and conventional propellers are used. The design proposal could lead to the first Army test bed that looks like an airplane, takes off and lands like a helicopter, flies like a fighter and operates at tree-top level. The two-place airplane would have an empty weight of less than 5000 pounds. Besides its vertical takeoff and landing capability, the proposed test bed could take off or land on "remarkably short" unprepared fields. Lockheed reported that two test bed airplanes could fly in less than a year from receipt of Army orders to proceed.



RUGGED TEST. The Army's Bell HU-1 turbine-powered utility helicopter cruises along at 60 knots over the Army Aviation Center, Ft. Rucker, Ala., carrying a 2,600-pound Willys Jeep by its cargo suspension system.



ARMY'S NEW VTOL. Shown for first time as a fully covered airplane, hovering like a helicopter over Torrance Municipal Airport, Calif., is the new U. S. Army-Doak Model 16 VTOL Research Vehicle, designed and built by the Doak Aircraft Company, Inc., of Torrance, for the Army Transportation Research and Engineering Command. Edmond R. Doak, President, announced that ground-testing and hovering programs have been completed, and the aircraft has been moved to Edwards AFB, Calif., for flight testing. It is powered by an 825-horsepower Lycoming T53 shaft turbine engine.

Ordinance Scientist

Dr. John W. Dawson, former Director of the Chemical Services Division, has been appointed Chief Scientist of the Army Office of Ordnance Research. He succeeds Dr. George Glocker, who retired to resume research interests and serve as a lecturer at Duke University.

NEXT WEEK—

THE JOURNAL will be present as the Navy unveils a new, multi-million dollar electronic warfare simulator at the Naval War College, Newport, R. I. A special report will be published in the 15 November issue.

Services Lose Budget Mentors

Six familiar faces will be absent next year from the House and Senate subcommittees which handle Defense Department appropriations.

The six, all Republicans, are:

Senators William F. Knowland, who left the Senate in an unsuccessful bid for the California Governorship; Edward J. Thyne (Minn.), who was defeated, and Ralph E. Flanders (Vt.), an ex-officio member, who retired from the Senate at the end of the 85th Congress.

Representatives Errett P. Scrivner (Kan.) and Edward T. Miller (Md.), both of whom were defeated at the polls, and Richard Wigglesworth (Mass.), who retired and has since been appointed Ambassador to Canada.

Congressmen Wigglesworth and Scrivner were the ranking Republicans on the subcommittee. The new ranking minority member in the 86th Congress will be Representative Gerald R. Ford, Jr. (Mich.).

Col. Sipes Heads Regiment

Col. Kenneth L. Sipes has been named Commanding Officer, 3d Regiment, School Brigade, according to an announcement by Brig. Gen. Daniel A. O'Connor, Assistant Commandant, Army Air Defense School, Ft. Bliss, Tex. Colonel Sipes came from the G-3 Section, First Army Hqs., Governors Island, N. Y.



ARMY ADVISORY MEETING UNITES CLASSMATES—The annual fall meeting of the Army Scientific Advisory Panel in Colorado Springs brought together four members of the U. S. Military Academy, Class of 1924. Left to right: Lt. Gen. Arthur G. Trudeau, Chief, Research and Development, U. S. Army; General Earle E. Partridge, Commander-in-Chief, North American Air Defense Command, Lt. Gen. William H. Arnold, Commanding General, Fifth U. S. Army, Chicago, and Lt. Gen. Charles E. Hart, Commanding General, U. S. Army Air Defense Command. More than 80 persons, including 40 leading scientists and industrialists, attended the conference.

Time Lag Of New Weapons From Concept To Troops Is Too Long, Gen. Clarke Says

Members of the Army Scientific Advisory Panel, which met in Colorado Springs, 26-29 Oct., were concerned with ways and means of cutting the "lead time" required from the inception of weapons to placing them in the hands of troops.

This was pointed out by Dr. William H. Martin, Director of Research and Development, Department of the Army, during a press interview held between subpanel sessions.

The problem also was highlighted by Gen. Bruce C. Clarke, Commanding General, Continental Army Command, in one of the principal addresses.

In discussing the "time lag" connected with availability of weapons, General Clarke noted that it takes the Army five to ten years "to go from concept to items in the hands of troops."

"This is too much time. It must be reduced to maintain a constant state of U. S. preparedness to counter the Soviet world-wide threat," General Clarke asserted.

His address pointed up the ever present need for improved mobility, firepower, communications, and support required to keep the modern U. S. Army's soldier able "to move, shoot, communicate, and sustain himself on the battlefield under all conditions of climate, geography, and weather."

ASAP, composed of leading representatives from the fields of science and industry, serves as an important resource body which advises the Secretary of the Army on a wide range of matters.

Lt. Gen. Charles E. Hart, Commanding

General of the U. S. Army Air Defense Command, was host for the initial reception and dinner at Ent AFB, where USARADCOM Headquarters is located. General Earle E. Partridge, Commander-in-Chief, North American Air Defense Command, was host at Ent during the first luncheon.

The Army is "very much dissatisfied" with the present lead time required in moving "from one device to another" in the field of weapons, Dr. Martin said. He said that in the case of some major weapons "eight years or more" were required to go from initiation to the "ultimate availability of the weapon."

According to Dr. Martin, studies are being made to determine where speedups in production can be made by doing some jobs "simultaneously," that is, starting some production while weapons are still in development.

Signal School Aims Electronics Course

A six months course in the fundamentals of electronics, under the sponsorship of the Army Signal School, Ft. Monmouth, N. J., was launched 5 November over the First U. S. Army Military Affiliate System (MARS) network.

Lessons will be broadcast on Wednesday each week from 8 to 9 p.m., over the Post radio station.

Coordinators of the programs are Lt. Col. H. M. Russell, Chief, Supply and Maintenance Division, G-4 Section; Frederic Dickson of the Radio Propagation Agency and Gregory G. Lentzakis of the Signal School.

Instructors for the course all are members of the faculty of the Radio Division, Department of Specialist Training of the Signal School.

Army Gives Permanent Promotions To 518; 56 To CWO-4 & 462 CWO-3

The Army, in Special Orders 218, dated 31 October, announces the permanent promotion of 518 chief warrant officers—56 to pay-grade W-4 and 462 to pay-grade W-3.

All advancements, effective 1 November, are subject to physical examination which must be taken within 30 days.

Here are the names of some of those to receive promotions: (remainder to be published next week).

Passy, W. H., SigC
Smith, Rex A., MPC
Peters, M. A., AGC
Whitt, Ralph L., Inf
Miller, C. G., SigC
Kane, John T., MPC
McCurdy, T. E., AGC
Barbour, F. A., OrdC
Hamm, Isaac B., Arty
Purvis, F. M., OrdC
Shelton, A. J., AGC
Robertson, J. M., FC
Hudson, C. C., QMC
Quinn, Leo M., MA
Narus, John P., TC
Brooks, Roy I., Inf
Williams, C. A., CE
Naser, Virgil S., AS
Bowers, C. E., QMC
Mortimer, E. C., QMC
White, E. C., QMC
Mulvany, L. T., OrdC
Clark, Paris W., SigC
Hanna, W. G., AGC
Brown, G. E., MSC
Murray, W. R., AGC
West, L. E., QMC
Crawford, C. D., AGC
Johnson, L. K., Inf
Connor, S. R., MI
Griffin, T. F., Jr., CE
Grady, John W., OrdC
Peterson, W. R., QMC
Lea, T. R., Jr., Arty
Bailey, Sam P., QMC
Cardwell, C. G., AGC
Odom, O. W., Jr., CE
Stanish, E. A., Arty
Admiral, E. E., AGC
Brazale, E. L., QMC
Cox, E. M., Jr., AGC
Covatos, C., AGC
Quattlebaum, M. G., Inf
Lea, Ellis, Inf
Hill, Richard D., Arty
Preston, W. M., Arty
Bruner, R. C., Arty
Bing, James E., MPC
McIntyre, W. L., MPC
Baker, W. H., Arty
Morley, C. P., AS
Owens, J. E., OrdC
Walker, G. L., QMC
Butcher, E. H., AGC
Shular, W. A., Jr., AGC
Rotter, C. G., QMC
Pinson, C. N., AGC
Mullin, W. F., AGC
Colegrove, A. W., CE
Brown, C. A., Arty
Jefferson, H. F., AGC
Alley, T. L., QMC
Myers, W. E., CE
Beckham, W. S., AGC
Saunders, I. F., Jr., Arty
McAuslan, H. L., Jr., CE
Taylor, R. R., Jr., MI
Mowrey, J. F., AGC
Meiser, E. H., MI
Schnabel, L. F., AS
Thornhill, A. J., AGC
Mullen, L. T., AGC

Neely, Cecil F., Inf
Gosselin, J. B., AGC
Clutter, W. D., QMC
Cromer, Paul E., MPC
Cronrath, Cletus, CE
Deppensmith, L. F., OrdC
Van Hooser, H. U., QMC
Comnes, G. A., Inf
Lydon, John E., Inf
Aldinger, D. T., Inf
Watson, Don R., MI
Jeffery, R. J., Arty
Prevatt, E. G., TC
Gall, Theodore AGC
Nolan, Robert J., AGC
Mason, B. G., AGC
Ritko, Joseph J., SigC
Bobo, W. A., Arm
Johns, James R., QMC
Jagoe, C. W., Inf
Seymour, F. M., CE
McLaughlin, J. E., QMC

Colbert, W. F., Inf
Meyers, Ira R., MPC
Nettelhorst, M., OrdC
Davenport, N. E., Arty
Del Monte, A. B., CmlC
Hutchinson, S. C., MI
Pemberton, W. G., CE
Roberts, T. O., TC
Starbuck, C. D., CE
Ricketson, M. S., CE
Johnston, D. S., QMC
Wampler, Mars, AGC
Clapper, H. G., Inf
Madson, N. C., AGC
Baker, G. E., AGC
Mangan, B. J., SigC
Perry, T. H., Inf
Meyer, Leo J., Inf
McNire, R. W., MPC
Jurdak, F. E., Arty
Stiles, S. S., AGC
Hornor, M. R., QMC
Gibson, R. W., Jr., Arty
Gropp, F. L., OrdC
Pennington, R. A., QMC
Nettles, Earl W., Arty
Clarens, H. F., AS
Newton, C. H., MPC
Dyer, D. D., Arm
Saunders, E. G., Inf
Steinbach, W. J., SigC
Pierce, W. L., OrdC
Olson, H. W., OrdC
Fletcher, C. R., Inf
Alexander, C. R., QMC
Cassidy, L. P., Jr., AGC
Rollins, H. W., Inf
Bess, J. E., Jr., OrdC
Rogers, W. F., Jr., SigC
Tomlinson, W. H., Arty
Jackson, J. W., Inf
Tribby, C. H., Arm
Atkins, M. P., Jr., Inf
Shyupia, John, Inf
Calvert, J. E., OGC
Trubey, R. C., Arty
Trower, O. C., MPC
Penrod, H. L., QMC



SETAF COMMAND—Maj. Gen. Harvey H. Fischer (left) departing Commanding General, USASETAF, greets his successor in command, Maj. Gen. John P. Daley, during the latter's arrival in Leghorn aboard the USNS General Simon B. Buckner. Maj. Gen. Daley's previous assignment was with the Office of Special Weapons in Washington, D. C. Maj. Gen. Fischer is bound for Ft. Riley, Kan., where he will take command of the 1st Infantry Division.

Simmons, W. C., AGC
Funke, H. W., TC
Slepan, Robert, Inf
Wright, J. W., Arty
Nix, Asbury L., CE
Thornburg, A. M., AGC
Perkins, D. H., QMC
Allen, Wade W., Inf
Alford, Dean C., Inf
O'Connell, P. R., MPC
Toms, Galen E., AGC
Doiney, B. P., MPC
Beatty, D. T., AGC
Frade, Antone, Arty
Parr, Charles H., Inf
Delhorne, R. J., Inf
Durfey, H. L., MI
Greer, F. U., OrdC
Plazak, James J., AS
Brown, R. E., AGC
Simmons, J. D., AS
Carpenter, M. M., CE
Rosten, H., JAGC
Grove, R. L., QMC
Moor, Vincent C., Arty
Cleary, H. F., SigC
Norman, G. S., Jr., Inf
Beeman, Lally, Arty
Hoobler, D. B., CE
Carver, Earl B., OrdC
Graf, H. P., QMC
Willems, N. O., MPC
Sweetland, R. H., QMC
Poe, William H., MSC
Sanders, W. L., Arm
Davis, H. V., Arty
McCabe, E. F., CE
Hogan, Elten R., MI
Morris, R. C., AGC
King, S. D., Arty
McKay, Grady, AGC
Lowrey, C. A., OrdC
Millner, A. C., QMC
Fitzpatrick, E. M., MPC
Erdmann, R. E., FC
Geronimo, R. J., MSC
Babbitt, James T., MI
White, Loren H., AGC
Hubbard, H. W., MI
Myers, James R., Arty
Rosen, C. M., MPC
Williams, T. W., QMC
Simonds, E. P., Inf
Morris, N. W., CE
Shelton, R. P., MI
Fritze, W. W., AGC
Terlecki, W. J., Arty
Calder, J. H., MI
Sletten, N. O., OrdC
Hardy, C. H., MI
McGrath, H. W., TC
Smith, Irvin T., Arty
Moore, John K., AGC
Dueser, Frank J., Arty
Deuell, R. G., AGC
Emery, M. C., OrdC
Chisolin, H. L., AGC

Willoughby, F. E., AS
Holbert, Ray L., MI
Chevalier, H. H., Arty
Jewell, Frank, Jr., TC
Wagner, John J., MI
Welch, E. J., SigC
May, Harold F., Arty
Ambrose, J. R., OrdC
Usinger, E. M., OrdC
Weber, Lynn C., OrdC
Semken, H. L., TC
Halisky, J. R., OrdC
Frost, Hugh W., AGC
Mercer, J. D., QMC
Schauer, E. J., Inf
Mastellar, B. G., Arty
Grant, Benson, Arty
Lehmann, R. C., MI
Jared, R. W., QMC
Yarborough, N. A., Arty
Aleff, K. G., Arty
Coogan, H. C., MPC
Ferguson, K. H., QMC
Schmid, Ellis P., MI
Maybree, Orrin S., Inf
Madden, J. Jr., AGC
Monroe, U. G., OrdC
Kennedy, G. M., MSC
Von Bergen, E. F., SigC
Ford, Ernest H., FC
McNerney, D. P., CE
Thornburg, C. F., Inf
Hayes, D. R., Arty
Bona, Arthur P., CE
Fugitt, H. D., OrdC
Mohler, R. H., OrdC
Field, David D., QMC
Peters, W. C., MSC
Cirlacks, R. H., AGC
Harris, G. W., CE
Haller, W. M., CE
Ball, Thomas L., Inf
Chapman, G. A., Arty
Fort, Glen A., OrdC
Cunningham, S. I., TC
Dubuc, J. M., Arm
Weisbrod, J. J., QMC
Bavaria, E. A., AGC
Furston, J. H., QMC
Kurz, D. A., MPC
Haskett, Remel, Inf
Taylor, C. C., TC
Smith, Hazlett, MPC
De Rosa, Peter, Inf
Sidenstricker, H. J., AGC
Paugh, D. I., Inf
Joiner, P. M., AGC
Miller, Carl F., OrdC
Kiernan, J. M., Jr., MPC
Barger, D. G., MPC
Terry, George M., MI
Landry, W. B., SigC
Pratt, Owen M., TC
Carey, W. T., MI

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The main gate at Ft. Stewart, Ga., "guarded" by an M-48 General Patton Tank and two recently replaced 75-millimeter antiaircraft weapons.

The weapon display, which has been adopted as the Ft. Stewart symbol, represents the training function of the 28,000 acre Army base.

The Army Antiaircraft Artillery Tank Training Center trains thousands of Regular and Reserve soldiers each year on the post's vast AAA and tank range.

U. S. ARMY ORDERS

Wilber M. Brucker—Secretary of the Army
 Hugh M. Milton, II—Under Secretary of the Army
 —Assistant Secretary (Manpower & Reserve Forces)
 Dewey Short—Assistant Secretary (Civil-Military Affairs)
 Frank H. Higgins—Assistant Secretary (Logistics)
 George H. Roderick—Assistant Secretary (Financial Management)
 William H. Martin—Director, Research and Development
 General Maxwell D. Taylor—Chief of Staff

GENERAL OFFICERS—

Major General

Williams, John M., OACSI USA, Wash, DC, is
 dit to dy on AGS.
 Stuart, Archibald W., on his appl is ret fr
 AD in gr of MajGen.
 Weyrauch, (Brig-Gen) Paul R., ret (100%
 pd), as MajGen.

Brig General

Pattison, Hak C., fr OAD, Wash, DC, to USA
 Elm, OJCS, Wash, DC.

INFANTRY—

Colonel

Leonard, Allan L., Jr., Ft Lewis, to USA Elm
 MAAG, Vietnam, Saigon.
 Wilson, Wilbur, Ft Bragg, to USA Elm, Hq
 Allied Frcs So Europe, Naples, Italy.
 Redfield, Robert S., Ft Lewis, to USA Elm
 JUSMMAT, Ankara, Turkey, for dy as Ch,
 Fid Tng Team.

Airlift Nike Ajax With H-21 'Copter

Transportation of the Nike Ajax guided
 missile by an Army Vertol H-21 helicop-
 ter was demonstrated recently at Ft.
 Barry, Calif.

A combined missile-dolly and sling,
 invented by Dan Dougherty of the ord-
 nance shop of the Presidio of San Fran-
 cisco, was used to airlift the missile. It
 swung free a few feet beneath the heli-
 copter.

The demonstration showed how indi-
 vidual Nike firing batteries would be
 resupplied with missiles during emer-
 gencies when time is most important.

Mason, Edward R., Ft Benning, to sta Univ-
 Wisc, Madison.
 Rhine, Robert H., Presidio/SF, to Panama.
 Lt Colonel

Duckworth, George H., Ft Myer, to USARAL.
 Lunsford, James N., Atlanta, Ga. to Panama.
 Ferriter, Richard H., Ft Rucker, to 4th Inf
 Div, Ft Lewis.
 Arnold, Edgar L., Ft Sill, to US Taiwan Def
 Comd/MAAG, Taipei.
 Carpenter, Sidney C., Ft Monroe, to Ntl Bd
 for Prom/Rifle Practice, Wash, DC.

Fr Wash, DC, to Sta Indicated

Creek, Roy E., Off Stu Co, USAAVNS, Ft
 Rucker.

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Major

Phillips, Edward R., Ft Meade, to USA Elm
 JUSMAG, Thailand, Bangkok.
 Rice, Foy, Wash, DC, to Off Stu Co, USA-
 AVNS, Ft Rucker.
 Curfman, Ralph H., Ft Knox, to USA Elm
 USMTMSA, Riyadh, Saudi Arabia.
 Clapper, Paul R., Oakland, Calif, to Hq USA
 Gar, Ft Myer.
 Reeder, Harry L., Ft Benning, to Panama.
 Moore, Donald G., Ft McPherson, to USA Elm
 US Taiwan Def Comd/MAAG, Taipei.

To USA Elm MAAG, Vietnam, Saigon

Latham, Arthur A., Ft Benning.
 Schabacker, William, Wash, DC.
 Watson, Charles L., Ft Lewis.
 Fr Ft Carson:
 Haynes, Edward C Stanley, Felix W

To Korea

Brady, Carl M., Ft Ord.
 Bornessel, Julius G., Ft Sam Houston.

Army Navy Air Force Journal
 8 Nov. 1958 (Vol. 96, P. 281)

Captain

Denney, John E., Cp Gary, Tex, to Panama.
 Borders, Ray M., Ft Jackson, to USA Elm
 MAAG, Vietnam, Saigon.
 Crawford, Leighton, Ft Gordon, to Korea.

To Stu Det, Hq Third USA, Ft McPherson

Lukert, Edward P., Ft Riley.
 Gappa, Joseph A., Jr, Ft Campbell.

1st Lieutenant

Brausch, Joseph P., Jr, Ft Monmouth, to USA
 ADGRU, Korea, Yongsan.
 Roche, Gregory F., Jr, Ft Rucker, to 101st
 Admin Co (Abn Div) (Repl Sec), Ft Camp-
 bell.
 Matukonis, Joseph A., Arlington, Va, to Hq
 US ASA Europe, Frankfurt, Germany.

—Continued on page 13

Vought Vocabulary

Cru·sad'er III: *new, all-weather Fleet defender* *built true to carrier requirements*

Carrier fighters have tripled in performance in a decade.
 But design requirements that set the sea-going
 interceptor apart remain unchanged.

Compactness, simplicity, minimum weight at take-off,
 superior speed, altitude, maneuverability: these are
 constants in the Navy fighter's make-up.

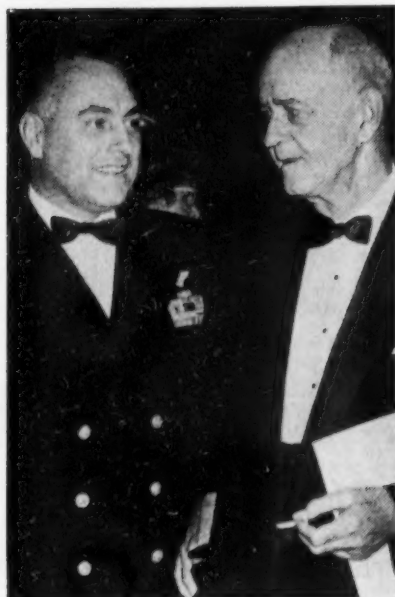
Chance Vought's *Crusader III* all-weather fighter is
 a classic composite of these requirements. Yet this
 weapon is as *new* as it is *true* to the carrier tradition.
 Automated, missile-armed, missile-fast, it will extend

the Nuclear Navy's knockout power to the edge of space.

Crusader III is a direct descendant of the Fleet-
 proved F8U-1 *Crusader* and the improved F8U-2.
 Pretested by these predecessors — inherently reliable —
Crusader III will make a rapid, low-risk, low-cost
 transition to operational all-weather readiness.

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NAVAL AIRMEN. Discussing the forthcoming 10 January commissioning of the USS Independence are (from left) Capt. Rhodam Y. McElroy, USN, Prospective Commanding Officer of the Independence and Admiral Felix B. Stump, USN (Ret.) who were guests at the Navy League's Annual Dinner in New York. Captain McElroy served as air officer aboard the USS Marcus Island in the Task Unit commanded by Admiral Stump during the Battle of Leyte Gulf.

Open Test Runway At NAS Lakehurst

An 8,000-foot test runway has been placed in commission at the Naval Air Test Facility (Ship Installations), NAS Lakehurst, N. J.

The new runway permits unlimited jet operations at the Facility. Lakehurst officials said training flights will be conducted in preparation for test work on aircraft launching and recovery systems.

There are presently four aircraft assigned to the Test Facility. Additional high performance jets are expected to be delivered to the Installation by the end of the year.

Capt. Richard M. Tunnell, NATF(SI) Commanding Officer, officiated at the ribbon cutting ceremony which placed the new runway in operation.

Cdr. Ray C. Tylutki, Facility Executive Officer, conducted the first take-off and landing.

Present at the ceremony were Capt. John R. Van Evera, Commanding Officer, NAS Lakehurst, Cdr. W. J. Byrnes, Resident Officer-in-Charge of Construction, and Capt. N. J. Drustrup, Officer-in-Charge of Construction, Fourth Naval District.

Capt. Vose Is CofS To VAdm. Goldthwaite

Capt. James E. Vose, Commanding Officer of the aircraft carrier, USS Boxer, has succeeded Capt. Robert E. Riera, as Chief of Staff to the Chief of Naval Air Training, VAdm. Robert Goldthwaite, NAS Pensacola.

Captain Riera has departed to take command of the seaplane tender, USS Greenwich Bay.

Cdr. Hodson Is Exec. Aboard Carrier WASP

Cdr. Norman D. Hodson has succeeded Cdr. Marvin E. Barnett as Executive Officer of the ASW support aircraft carrier USS Wasp.

The new Executive Officer reported aboard the Wasp in March as Operations Officer.

Commander Barnett, who was selected for four stripes by this year's selection board, is enroute to the West Coast where he joins the Staff of Commander, Carrier Division 19, as Operations Officer.

Earlier, Capt. Marvin D. Courtney, MC, relieved Capt. John M. Moser, MC, as the Wasp's Medical Officer.

Capt. Moser has reported to ASW carrier USS Yorktown.

Association Saves Dewey's Flagship

The Cruiser Olympia Association has saved Admiral Dewey's flagship from the scrap heap by raising funds for her preservation as a memorial.

Launched in 1892, the 63-year-old cruiser won fame in the Spanish-American War as the lead ship in the assault on the Spanish Fleet in Manila Bay. On 1 May 1898, Commodore Dewey's Fleet, including the cruisers Raleigh, Boston and Baltimore and the gunboats Petrel and Concord, steamed past the Spanish batteries on Corregidor and arrived off Manila at daybreak and immediately engaged the Spanish Forces.

The action ended with the destruction of Spain's Philippine Fleet. The Spanish lost seven major ships. Not a single American vessel was damaged.

Four years ago the Navy announced its intention to scrap Olympia. Subsequently, Congress passed a bill permitting the Navy to sell her to a non-profit organization. The historic ship is expected to be permanently berthed in Philadelphia which is planning to build a recreational center along the Delaware River.

Navy Gives \$5,000 Award To Designer

Mr. Wallace A. Dietrich, jr., a Navy employee, has been awarded a \$5,000 Superior Achievement Award for his work on the Bureau of Ships Analog Computer, known as BUSAC.

Mr. Dietrich's work, the Navy said, improved ship designs and resulted in savings in engineering time. He resides at 3800 Eastwood Drive, Baltimore, Md.

Heads Operations At MCAAS Beaufort

Lt. Col. Theodore A. Petras has assumed duties as Operations Officer, MCAAS Beaufort, S. C., reporting from a similar billet at MCAS Miami.

Colonel Petras served as an enlisted man for 13 years before receiving his commission in 1942. He was a pilot for the U. S. Antarctic Expeditions in 1938 and 1941. He also has served as personnel pilot to former Marine Corps Commandants A. A. Vandergrift and Clifton B. Cates.

New Destroyer Named For Leatherneck Hero

The USS Edson—named for Congressional Medal of Honor winner, the late Maj. Gen. Merritt A. Edson, USMC—was commissioned 7 November at the Boston Naval Shipyard.

Built by the Bath Iron Works Corp., Bath, Me., the Edson is a Forrest Sherman class destroyer. She was launched in January under sponsorship of Mrs. Merritt Edson, the General's widow.

The destroyer arrived in Boston 31 October. General Edson's two sons, Capt. Merritt A. Edson, jr., and 1st Lt. Herbert R. Edson, were on board during the trip from Maine.

Principal speaker at the commissioning ceremony was General Gerald C. Thomas, USMC-Ret. RAdm. Carl F. Espe, Commandant, First Naval District, read orders officially placing the new ship in commission.

Cdr. Thomas J. Moriarty is Edson's Commanding Officer.

General Edson won the Medal of Honor for heroic valor in the Solomon Islands in 1942 while in command of the "Edson Raiders." The exploits of the Raiders were recounted in the book "Guadalcanal Diary."

The General died on 14 August 1955.

B/G Shaw Kicks-Off MCA Membership Drive

The Camp Lejeune Chapter of the Marine Corps Association will open a month-long membership drive 14 November at a luncheon featuring Brig. Gen. Samuel R. Shaw as principal speaker.

General Shaw, Director, Marine Corps Landing Force Development Center, MCA Quantico, Va., will speak on the topic: The Association and Its Importance to the Individual Marine, the Corps and the Country.

The MCA was founded in 1913 and has grown from 60 officers to more than 50,000 officers and enlisted men.

U. S. MARINE CORPS ORDERS

Commandant—General Randolph McC. Pate
Assistant Commandant—Lt. Gen. Verne J. McCaul
Chief of Staff—Lt. Gen. Robert E. Hogaboom

COLONEL

Elwood, Hugh M, 2d MAW, to 1st MAW.

LEUTENANT COLONEL

McClure, Grover C, Jr, 1st MAW, to AirFMF Lant.
Steinkraus, Robert F, College Park, Md, to NATO Def College.

MAJOR

Deweese, Raymond, HqMC, to 1st MAW.
Chambers, Charles B, BUAER, to 1st MAW.
Lynch, Robert L, Jr, 1st MAW, to MCS, Quant.

CAPTAIN

Lane, Gail, 3d MAW, to AirFMFPac.
Nelson, Delbert L, HqMC, to MCS, Quant.
Bormann, William P, 1st Mar Brig, to MAD NATTC, Mfs.
Koontz, Robert V, 1st MAW, to NavAirFt LantFt NAS NorVa.
Slack, Gerald J, 3d Mar Div, to MCRS, Bstn.
Wygall, Kenneth E, 1st Mar Brig, to 2d MAW.
Johnston, Paul N, 8th MCRRD, to MCB CamLej.
Rapp, John M, 1st MAW, to MAD NATTC, NAS, Pncla.
Talbert, Robert L, 1st MAW, to MAD NATTC, Mfs.

1ST LIEUTENANT

Blum, Ronald J, 3d MAW, to 3d Mar Div.
Kelly, Francis J, USS Wasp, to MCB CamLej.
Rust, Barry P, Albany, Ga, to MCB CamLej.
Widick, Lester D, Jr, Edenton, NC, to Ftr TrpsFMFLant.
Coffin, John C, NAS Pncla, to NAAS Kingsville, Tex.
Biel, Richard K, HqMC, to MCS, Quant.
Ingraham, John D, NAS, CorpC, to 8th MCRRD.
Sprott, David N, 3d MAW, to San Antonio, Tex.

To 1st MAW

Johnson, Peter B, 1st Mar Div.
From 3d MAW:
Ketterling, Alvah J Oldham, John S
Locke, Frederick A

—Continued on page 7



LOW COST PROTECTION. USF ESSEX. Originally fitted out in 1799 and built by public subscription the Essex afforded low cost protection for the people of the United States. Carrying 32 guns she gained fame on her famous raiding cruise in the South Pacific from 1812 to 1814.

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Thomas S. Gates, Jr.—Secretary of the Navy
William H. Franke—Under Secretary of the Navy
Norton—Assistant Secretary of the Navy for Air
Fred A. Bantz—Assistant Secretary (Material)
J. Sinclair—Armstrong—Assistant Secretary (Financial Management)
Richard Jackson—Assistant Secretary (Manpower, Personnel & Reserve Forces)
Admiral Arleigh A. Burke—Chief of Naval Operations

CAPTAIN

Anderson, Richard K, CO NavMinDefLab
Panama City; to CO and Dir Same Sta.
Archer, Stephen M, CO USS Bryce Canyon;
to ComDesFlot Five.
Barnes, William R, CO USS Pawcatuck; to
ComDesRon 28.
Brown, James H, CO USS Montrose; to Com
DesRon Five.
Dare, James A, CO USS Compass Island;
to MIT Cambridge.
Folsom, Parker L, CNO TacDataSysProjLOff
at NGF WashDC; to OpNav.
Gray, Garland A (MC), DistMedOff 1ND; to
NavHosp Chelsea Trmt.
Hanson, Murray, NaVanTraCom NAS Cor-
pusC Tem; to Staff Same Sta.
Harlee, John, CO USS Rankin; to OpNav.
Hatton, George A, Ofc of BAGR WestDist
El Segundo; to BAGR Same Sta.
Hunter, Raymond P, PhilbTraLant Tem; to
ComPhibRon 10.
Krick, Donald F, CO NavSta Subic Bay; to
13ND.
Lettis, Kenneth P, ComDesRon 28; to CofS
ComNavB Guantanamo Bay.
Luosey, Michael J, ComDesRon 16; to Nav
Hosp Portsmouth Trmt.
McCrimmon, Herman P (MC), CruItNOP
Seattle; to NavHosp Oakland Trmt.
McLaughlin, Robert B, CO NOL Corona; to
CO ONR BrOfc SFRan.
Parker, Edelen A, BuPers; to OpNav.
Reed, John W, CofS and Aide ComCarDiv
14; to OpNav.
Rogers, Leon W, InsGen AlSeaFron; to
InsGen 17ND.
Rudden, Thomas J, Jr, ComDesDiv 252; to
CofS and Aide ComDesFlot Four.
Stimson, Paul A, ComSubRon Seven; to CofS
and Aide ComSubPac.
Strong, Stanley C, Ofc of BAGR WestDist
El Segundo; to BuAer InsGen Same Sta.
Travis, Charles W, OpNav; to ComDesRon
16.
Werts, Charles L, ComPhibRon Eight; to
CofS and Aide ComPhibLant.
Wier, Henry R, OpNav; to Co NavSta Key
West.
Wirtz, Peyton L, ComPhibRon Four; to
OpNav.

COMMANDER

Betack, John F, NAB 5ND; to EASTRANSAT
MATTS.
Buckley, Russell H, BUPERS; to OPNAV.
Burton, John H, PATRON 26; to CO SAME
RON.
Durham, Hugh M, PATRON 49; to CO SAME
RON.
Duma, Gordon A, HATRON SIX; to BAR-
RIERPAC.
Eldridge, Edgar A, AFSC NORVA DUINS;
to USS WASP.
Fallander, Stanley R, NAS NEW YORK
FLOYD BENNETTFLD; to NAS DVR.
Heishman, Jack C, USS FORRESTAL; to
NAVAIRLANT.
Hill, Paul E, NAS CORPC; to PATRON 49.
Lawrence, Emmett B, FASRON FIVE; to
NAAS WHITINGFLD MILTON.
Mabey, Alfred, CO FASRON 110; to USS
HORNET.
Mansueto, Edmund J, AEWRON TWO; to
CO FASRON 110.

McGowan, William I, NAS PNCLA; to OIC
OPCONCEN NORVA.

Morgan, Milton J, CHNAVSEC MAAG
ETHIOPIA ADDIS ABABA; to INSMAT
BRIDGEPORT.

Taylor, William D, USS VALLEY FORGE;
to CO USS RICH.

Thomas, Lloyd H, AFSC NORVA; to PAT
RON 26.

Todd, Forrest A, USS TRIPOLI; to AEWRON
TWO.

Tregonis, Verne M (CEC), CO NAVMCB NR
SIX; to OIC NAVCBASEU NAVCBCEU
PORHUE.

Vaatvelt, Allen R, NAS LAKEHURST; to
AIRDEVRON ONE.

Baughan, Robert L, USS SALEM; to OPNAV.
Bent, Horace E, ASST ALUSNA AND ASST
ALUSNA FOR AIR MADRID; to OPNAV.

Brownsberger, James A, BUAER; to CAR
DIV 20.

Byrne, Kevin E, 4ND; to 5ND.

Dosskey, Gordon B, NAVSEC MAAG VIET
NAM SAIGON; to 13ND.

Janes, William N, NABATRACOM NAS
PNCLA; to NAS PNCLA.

Karl, Robert D, BUSHIPS; to MSTs WASH
DC.

—Continued on page 19

Army Navy Air Force Journal
8 Nov. 1958 (Vol. 96, P. 283)

"Battleship Scharnhorst"

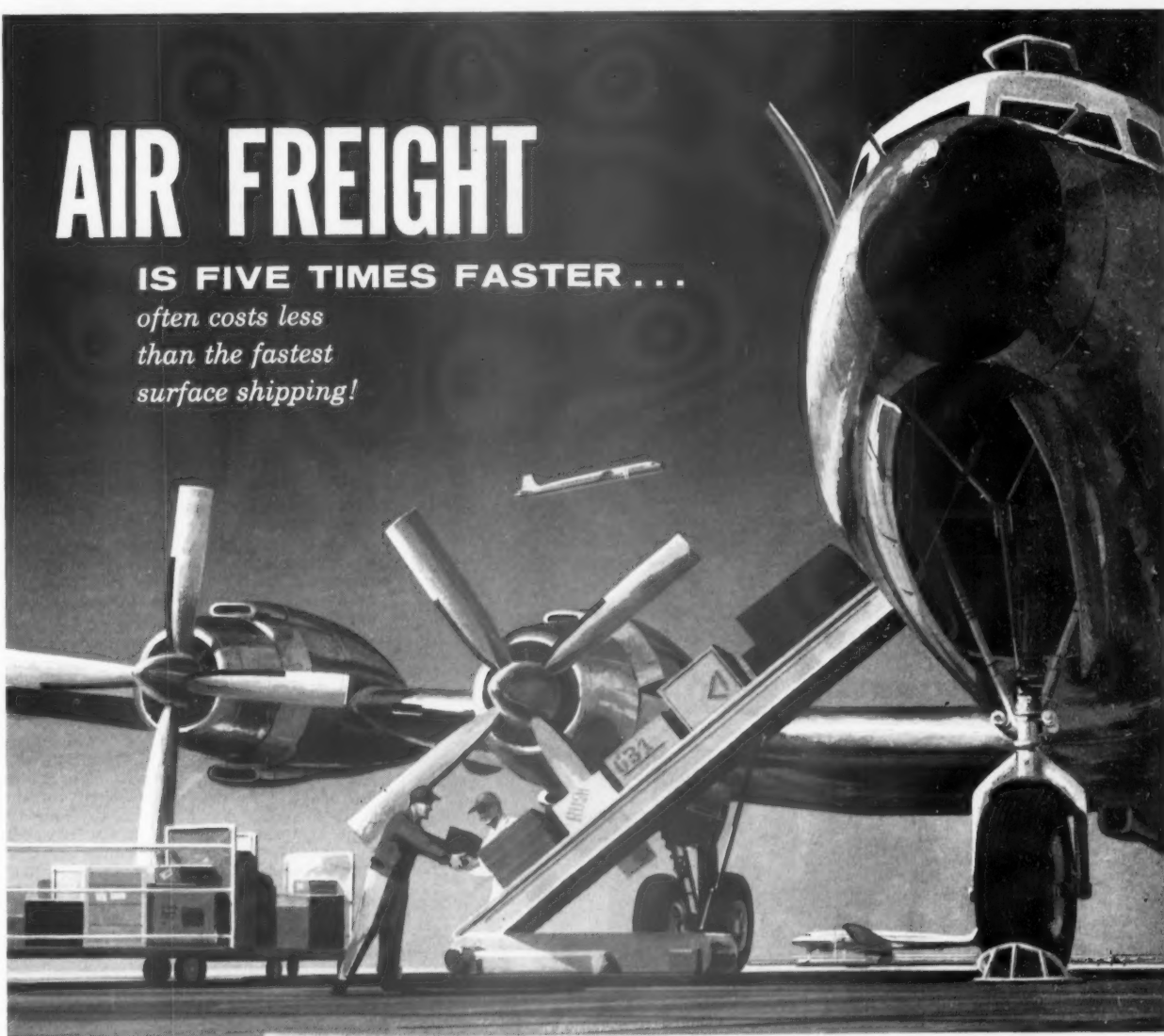
The life of the German "Battleship Scharnhorst," is told in a new volume with that title, written by Albert Vulliez and Jacques Mordal, translated by George Malcolm.

Both expert naval historians, the authors have reconstructed their account of the battleship from log books, contemporary documents, and information derived from their personal contact with Admiral Marschall and several of the ship's commanders. Published by Essential Books, a division of Oxford University Press, New York City. \$6.00.

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DELTA AIR LINES
EASTERN AIR LINES

ELLIS AIR LINES
THE FLYING TIGER LINE
FRONTIER AIRLINES
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NORTHEAST AIRLINES
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NORTHWEST ORIENT AIRLINES

OZARK AIR LINES
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PIEDMONT AIRLINES
RIDDLE AIR LINES
SLICK AIRWAYS
SOUTHERN AIRWAYS

SOUTHWEST AIRWAYS
TRANS-TEXAS AIRWAYS
TRANS-WORLD AIRLINES
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WESTERN AIR LINES

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Submarine History Told In New Volume

The panorama of submarine developments and operations throughout history has been chronicled by three Naval officers in their "Complete Book of Submarines."

Tracing the history of undersea craft back to the time of Aristotle and Alexander the Great, W. C. Chambliss, H. J. Gimpel and Cdr. C. W. Rush, detail the evolution of submarines through futuristic nuclear age submarines. Special attention is given by the authors to the epic polar voyages of the Nautilus and Skate.

Not neglected, however, are the little told historical details of DaVinci, Bushnell and other early submarine pioneers. The original Nautilus, designed for the French by Robert Fulton, forms an interesting parallel to her modern counterpart.

Librally illustrated with photographs and diagrams of history-making undersea craft and significant submarine developments, the 160-page volume is published by The World Publishing Company, of Cleveland and New York. Price of the volume is \$4.95.



UTILITY TRAINER—The Air Force has ordered into production the North American Aviation Sabreliner and designated it the T-39 (see page 26 last week's Journal). The twin-jet utility trainer is shown on evaluation flight over California.

AD Weapons Wing Moves To Florida

The 4750th Air Defense Wing (Weapons) currently located at Vincent AFB, Arizona, will move its personnel and equipment to MacDill AFB, Fla., early next Summer.

A component of the Air Defense Command, the 4750th ADW, although a major organization, will be a tenant unit on MacDill.

MacDill has been chosen as the new home of the 4750th ADW because of its suitability to the mission requirements of that organization. The Wing's mission

is to develop and conduct a weapons training program for units and personnel of the Air Defense Command.

The supporting units which will accompany the wing include the 4750th Air Defense Squadron; 4750th Drone Squadron, 4750th Support Squadron; 4750th Field Maintenance Squadron and the 17th Tow Target Squadron.

Room for the ADC wing will be facilitated by the simultaneous move of the 305th Bombardment Wing (medium) to Bunker Hill AFB, Ind.

AF-Industry Group Will Study Problems Of Escape From High Speed Aircraft

Escape from high performance aircraft will be featured in discussions at the 37th Air Force-Aircraft Industry Conference, to be held 17-19 Nov. at Palm Springs, Calif.

The conference has been called by Maj. Gen. Joseph D. Caldara, Director of Flight Safety Research (D/FSR) for the Air Force, to investigate the major problem areas associated with "escape from" manned aerodynamic vehicles and to discuss positive and practical means of alleviating these problems.

Arrangements have been made for seven major presentations, to be delivered by representatives of the military and the industry. The purpose of the

presentations is to stimulate open discussion. The discussion periods permit an informal exchange of information between the more than 250 conferees who are expected to attend.

Subject matter and the speakers scheduled follow:

"A Summary of USAF Accidents/Incidents Involving Escape Systems," Col. Harry G. Moseley, Chief, Aero Medical Safety Division, D/FSR.

"The Pilot's Viewpoint," Mr. A. W. (Tony) Levier, Director, Flying Operations, Lockheed Aircraft Corp., Los Angeles.

"Industry Crew Escape Systems Committee Reports," Mr. Hugo F. Mohrlock, Convair, San Diego; and Mr. R. H. Moulton, Lockheed Aircraft Corp.

"Parachute Problems," Mr. Herman Engel, jr., Wright Air Development Center, Wright-Patterson AFB, Ohio.

"Capsule Design Problems," Mr. Max Martin, Convair, Ft. Worth.

"Reliability Analysis of Escape System Components, Present & Future," Mr. Jim Hengenwald, North American Aviation, Inc., Los Angeles.



Maj. Gen. Caldara

Flying Safety Officers Told Air Accidents, Like Some Diseases, Can Be Controlled

Maj. Gen. Jack W. Wood, Deputy Inspector General, USAF, likened aircraft accidents to communicable diseases when he welcomed more than 300 conferees to the fourth Worldwide Flying Safety Officers' Conference at San Bernardino, Calif.

General Wood said, "Just as diseases will always be with us so will certain types of accidents. The Flying Safety Program of the USAF can be compared to preventive medicine in that constant study and research can reduce the occurrence of accidents."

"Just as certain 'bugs' have been isolated and destroyed in medicine—you, Flying Safety Officers, have been able to isolate and eliminate certain 'bugs' in your accident prevention effort."

Following General Wood's welcoming address which included the reading of a telegram of greeting from Lt. Gen. Elmer J. Rogers, The Inspector General for the United States Air Force, Maj. Gen. Joseph D. Caldara, Flight Safety Research Director, USAF, told the conferees that the mission of the flying safety officer can be summed up in three salient points.

"First," General Caldara said, "we must collect information as to causes of our accidents. Why do they happen? Secondly, we must analyze this information and conduct research in order that these accidents may be prevented. Thirdly, and most important," the General stated, "we must get this information to the working level of the Air Force. And that means," he said, "the young airmen working on the flight line and the young pilot directly out of flying school."

General Caldara told the conferees that the accident rate throughout the Air Force is at an all-time low. He said that the rate of 13.8, which was established in 1957, has been reduced to a current rate of 10.8, but he pointed out that there is a grim paradox in this reduction. While the rate has been continuously decreasing, the percentage of fatal accidents has been increasing.

A few years back only one accident in 13 was fatal and it has now reached the point that one out of every three major aircraft accidents results in a fatality to the pilot. "This, of course," the General added, "is due to the fact that extremely high performance aircraft have been added to the inventory." The General concluded his presentation by asking for a sound comprehensive flying safety program for 1959, which will save pilots' lives.

The conference's prime objective was the development of an accident prevention program which will be utilized throughout the entire Air Force during 1959.

Each major command delivered presentations on one of the 12 monthly segments which will constitute the 1959 pro-

gram. The speakers and the subjects were:

Brig. Gen. James W. Wilson, Commander, 820th Air Division (SAC), Plattsburgh, N. Y., "The Supervisor—The Major Air Commander."

Lt. Col. Richard M. Hoban, Commander, 717th Bomb Squadron (SAC), Ellsworth AFB, S. D., "The Supervisor—The Squadron Commander."

Col. John A. Herrington, Chief, Research & Analysis Division, Directorate of Flight Safety Research, Norton AFB, "Maintenance and Materiel."

Lt. Col. Kenneth F. Troup, Chief, Air Crew Effectiveness Branch, Air Research and Development Command, Wright Patterson AFB, Ohio, "Speed, Altitude and the Man."

Col. Lawrence S. Lightner, Air Traffic Control, Operations, (Headquarters, USAF), Washington, D. C., "Air Traffic Problems."

Brig. Gen. Clifford H. Rees, Commander, Air Photographic & Charting Service (MATS), Orlando AFB, Florida, "Flight Preparation."

Brig. Gen. Prescott M. Spicer, Commander, 27th Air Division (ADC), Norton AFB, "Preflight, Taxi, Runup and Take-off."

Maj. Robert G. Ochs, Training Division, Operations (SAC), Offutt AFB, Neb., "Flight Techniques and Weather Flying."

Maj. Gen. Jarred V. Crabb, Chief of Staff, Air Defense Command, and Capt. H. D. Estes, Office of Command Surgeon, Air Defense Command, Colorado Springs, Colo., "Care of the Man and His Personal Equipment."

Maj. Eugene Martin, jr., Air Operations, Office of Flying Safety, Headquarters Air Training Command, Randolph AFB, Tex., "Approach and Touchdown."

For the first time this year a special meeting was held for Missile Flying Safety Officers. The meeting was conducted by Lt. Col. Paul E. Cool, Chief, Guided Missiles Branch, Directorate of Flight Safety Research.

Air Vice Marshal Takes NORAD Post

Air Commodore Keith L. B. Hodson, of the Royal Canadian Air Force, has been promoted to the rank of Air Vice Marshal and appointed Deputy Chief of Staff (Operations) at NORAD Headquarters, Colorado Springs, Colo.

He formerly served as Chief of Organization and Management at RCAF Headquarters, Ottawa.

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 Malcolm A. MacIntyre—Under Secretary of the Air Force
 Dudley C. Sharp—Assistant Secretary (Material)
 Lyle S. Garlock—Assistant Secretary (Financial Management)
 David S. Smith—Assistant Secretary (Manpower Personnel & Reserve Forces)
 Richard C. Horner—Assistant Secretary (Research & Development)
 General Thomas D. White—Chief of Staff

MAJOR GENERAL

Campbell, Daniel S, fr dy sta Baghdad, Iraq & asg to dy sta Ankara, Turkey, w/nc in dy as Dep Dir, Cmbnd Plngg Org of Baghdad Pact, & Ch, US Elm Baghdad Pact; attch to Jt US Mil Msn for Aid/Turkey, APO 380, NY, NLT 17 Nov 58.

BRIGADIER GENERAL

Donohew, Jack N, fr Ofc, DCS/Plans & Programs, fr dy as Dep Dir/Programs; to dy w/Centrl Contr Gp (Ofc, JCS), for dy as Dir for Programs, The Jt Stf, eff 15 Jan 59.

COLONEL

Wilson, James A, Wash, DC, to Hq 313th ADiv, PacAF, APO 239, SF.
 Trachsel, William H, Walker AFB, to 9th Bmbard Wg, SAC, Mountain Home AFB.
 Gibson, Richard C, Holloman AFB, to Hq Air R&D Comd, ARDC, Andrews AFB.

LIEUTENANT COLONEL

Duval, James T, (ChC), Offutt AFB, to 6314th AB Gp, PacAF, APO 970, SF.
 Cowdery, Burnham W, Culver City, Calif, to dy sta Fld Ext Ofc, Rand Corp, Santa Monica, Calif.

F-102 PILOT SCORES ARROW KILL

Maj. Richard A. Williams is conversant with some of the most modern weapons of the day but prefers to do his hunting the hard way with one of the most ancient—a bow and arrow.

On a recent hunting trip in the Blue Mountain range of northeast Oregon, the archer dropped a four-point mule deer at 40 yards with a single cedar arrow propelled from a 60-pound bow. In addition to deer, he has bagged bob cats and small game, such as rabbits, ducks, and pheasant.

Major Williams pilots a supersonic F-102 Delta Dagger fighter interceptor. He also serves as engineering officer in the 498th Fighter Interceptor Squadron, Geiger Field, Wash.

The major became an avid archery fan 15 years ago, won the Massachusetts State Archery Championship in 1945, and has won numerous trophies in field archery competitions.

MAJOR

Hudson, Warren T, Walker AFB, to 9th Bmbard Wg, SAC, Mountain Home AFB.
 Sowle, Harold J, Offutt AFB, to 706th Strat Msl Wg, SAC, F E Warren AFB.
 Flowers, William V, Dover AFB, to 1608th Air Trans Wg, MATS, Charleston AFB.
 McCormack, Robert, Andersen AFB, Guam, to Det 4, 10th Radar Bmb Scqr Sq, 1st Radar Bmb Scqr Gp, Houston, Tex.

Fr MacDill AFB to Sta Indicated

Sundberg, Robert V, 4080th Strat Recon Wg, SAC, Laughlin AFB.
 Raglio, Frank S, 3960th AB Gp, SAC, APO 334, SF.
 Westghan, Arthur E, Hq SAC, Offutt AFB.

CAPTAIN

Bacle, Urson S, Schilling AFB, to 3908th Strat Standardization Gp, Barksdale AFB.
 Lash, Victor J, Offutt AFB, to 3535th USAFH, ATC, Mather AFB.
 Veitri, James, Jr, Harlingen AFB, to Randolph AFB.

Fr Eglin AFB to Sta Indicated

Lee, Jack R, Empire Test Pits Sch, RAF, Farnborough, Hants, England.
 Sims, Clyde E, 340th Bmb Wg, SAC, Whiteman AFB.

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To 422d Strat Wg, SAC, Columbus AFB

Fr Walker AFB:

Bell, John N
 Hill, John B

Seward, Robert F

Fr Andersen AFB, Guam to Sta Indicated

Matson, William P, Hq 819th ADiv, SAC, Dyess AFB.
 Hennigh, Charles F, 28th Avn Dep Sq, SAC, Carswell AFB.

1ST LIEUTENANT

Black, Raymond E, Offutt AFB, to 72d Bmb Wg, SAC, APO 845, NY.
 Hinton, James R, Eglin AFB, to Hq AF Msl Test Cen, ARDC, Patrick AFB.
 Larson, James M, Tulsa, Okla, to 92d Bmb Wg, SAC, Fairchild AFB.

Fr Harlingen AFB to Sta Indicated

Juhasz, Jerome S, Jr, Olmsted AFB.
 Feather, George K, Jas Connally AFB.
 Madura, Jerome S, Moore AB.

—Continued on page 18

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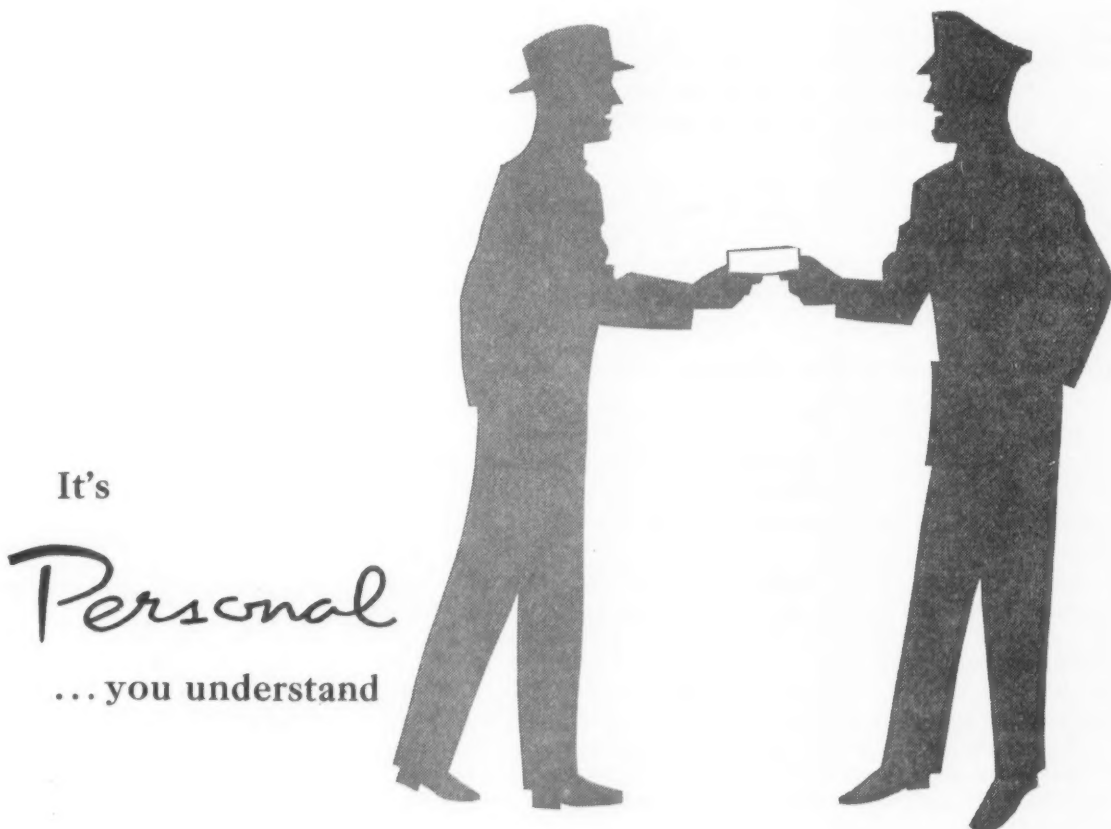
AF Staff JAG's

Meet At Randolph

Staff judge advocates met recently at Air Training Command Headquarters, Randolph AFB, Tex., for a three day conference to discuss problems of common interest to all judge advocates in ATC.

They were welcomed by Maj. Gen. Carl A. Brandt, ATC Vice Commander. Distinguished guests were introduced by Brig. Gen. Bertram E. Johnson, ATC staff judge advocate.

Attending the conference were Maj. Gen. Reginald C. Harmon, Air Force Judge Advocate General, and Maj. Gen. Albert M. Kuhfeld, assistant JAG.



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